8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 70000. If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of TV radiator. Exhibit No.

9. Maximum visual effective radiated power ______ 100.0 kW

CARL T. JONES

STATEMENT OF HERMAN E. HURST. JR. IN SUPPORT OF AN APPLICATION FOR CONSTRUCTION PERMIT NEW TV STATION - BALTIMORE, MARYLAND CHANNEL 2+ - 100.0 kW - 267 METERS HAAT

Applicant: Four Jacks Broadcasting, Inc.

I am a Radio Engineer, an employee in the firm of Carl T. Jones Corporation, with offices located in Springfield, Virginia.

My education and experience are a matter of record with the Federal Communications Commission.

This office has been authorized by Four Jacks Broadcasting, Inc. to prepare this statement and the associated exhibits in support of an Application for Construction Permit for a new Television station on Channel 2+ to serve Baltimore, Maryland.

The applicant proposes to mount a new TV antenna atop an existing tower structure. The antenna will be added and the existing tower altered such that the overall height of the tower does not change. Attached as Exhibit 2 is a full-size copy of a 7.5 minute U.S. Geological Survey topographic map depicting the proposed site location and surrounding terrain.

ALLOCATION STUDY

A frequency allocation study was performed to ensure that the proposed transmitter site location meets all of the Commission's minimum distance separation requirements.

The existing WPOC(FM) antenna will be relocated to a point lower on the existing tower to accommodate the new Channel 2+ television antenna. The decrease in the height of the WPOC antenna will most likely be accompanied by an equivalent increase in ERP of the facility. Based on the "worst-case" consideration with an ERP of 19.90 kW and an antenna radiation centerline of 170 meters AGL (the ERP/HAAT combination is equivalent to a maximum Class B FM facility), the FM facility will produce a predicted power density at two meters above ground level of 0.047 mW/cm². Considered together, the total contribution of both the proposed TV and modified FM facility would be 0.0906 mW/cm² or only 9.06 % of the ANSI guideline value, in compliance with the Commission's guidelines.

OCCUPATIONAL SAFETY

Though the station's facilities will be operated by remote control, there are times when maintenance and repair tasks must be performed on equipment at the transmitter site. The applicant will institute joint measures with WPOC(FM) to ensure occupational safety. During times of tower maintenance, the stations will reduce power or go off-the-air as necessary to ensure there is no exposure to RF levels exceeding ANSI time-average guidelines.

In light of the above, the proposed facility should be categorically excluded from RF environmental processing under Section 1.1307(b) of the Commission's Rules.

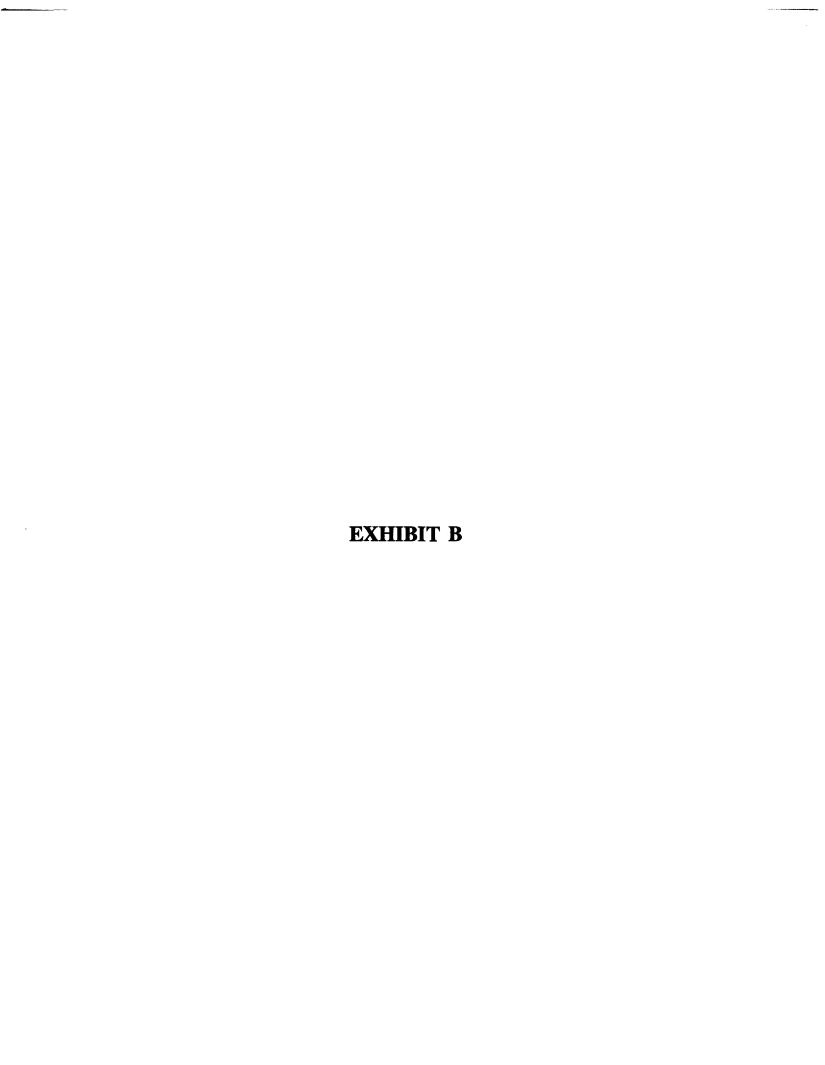
STATEMENT OF HERMAN E. HURST, JR. NEW TV STATION - BALTIMORE, MARYLAND PAGE 9

SUMMARY

It is submitted that the proposal described herein complies with the Rules and Regulations of the Federal Communications Commission. This statement, FCC Form 301, and the attached exhibits were prepared by me or under my direct supervision and are believed to be true and correct.

DATED: August 29, 1991

Herman R. Hurst, Jr.



BEFORE THE

Federal Communications Commission

WASHINGTON, D.C.

In re Application of)	
FOUR JACKS BROADCASTING, INC.)) FCC File No.	BPCT-910903KE
For A Construction Permit for a New Television Facility on Channel 2 at Baltimore, MD))	

To: The Chief, Mass Media Bureau

OPPOSITION TO PETITION TO DENY APPLICATION

FOUR JACKS BROADCASTING, INC.

Martin R. Leader Kathryn R. Schmeltzer John K. Hane III

Its Attorneys

Fisher, Wayland, Cooper and Leader 1255 23rd Street, N.W. Suite 800 Washington, D.C. 20037-1125 (202) 659-3494

Date: February 12, 1992

A. Tower Height

- 4. Scripps Howard contends that the overall height of the support structure proposed by Four Jacks is 40 feet less than that set forth in the Four Jacks application. This argument is premised on a substantial misunderstanding of the facts by Scripps Howard.
- 5. The tower proposed by Four Jacks is owned by Cunningham Communications, Inc. ("Cunningham")^{2/} and from 1968 to 1987 housed the WBFF(TV), Baltimore, Maryland Channel 45 antenna. In 1987, WBFF was granted authority to relocate to a new tower structure. The removal of the WBFF antenna from the tower accounts for the 40 feet noted by Scripps Howard.
- 6. It has continually been the intention of Cunningham to maintain the airspace clearance for the height vacated by the WBFF antenna so that it would be available to potential users. Because the height reduction was temporary, the FAA was not notified of the removal of the WBFF antenna. At the time Four Jacks filed its application, the support structure was authorized to occupy 1249 feet of airspace. This determination was made by the FAA in aeronautical study No. DCA-OE-68-19. Thus, Scripps Howard's claim of a height discrepancy is bogus as is its suggestion of FAA problems. 3/

^{2/} Cunningham is owned by the principals of Four Jacks. It is in the business of providing antenna space to communications users in Baltimore and other cities.

Apparently, in late November 1991 Nationwide Communications, a lessee on Cunningham's tower, notified the FAA of a 40 foot reduction of the tower height without consulting with (continued...)

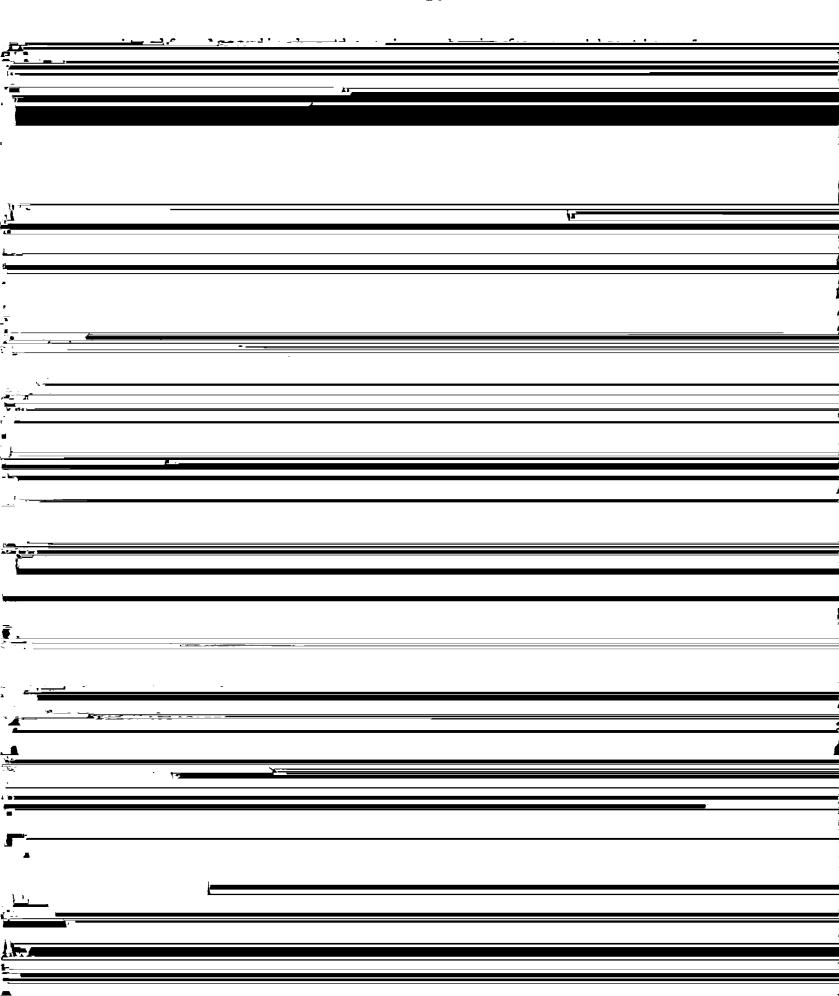


EXHIBIT C

ENGINEERING STATEMENT
IN SUPPORT OF MOTION TO ENLARGE ISSUES
CONCERNING THE APPLICATION OF
FOUR JACKS BROADCASTING, INC.
MM DOCKET 93-94
PREPARED ON BEHALF OF
SCRIPPS HOWARD BROADCASTING COMPANY

MAY 1993

COHEN, DIPPELL AND EVERIST, P.C.
CONSULTING ENGINEERS
RADIO AND TELEVISION
WASHINGTON, D.C.

City of Washington) ss
District of Columbia)
Donald G. Everist, b	eing duly sworn upon his oath, deposes and states that:
District of Columbia, and is	ectrical engineer, a Registered Professional Engineer in the s President of Cohen, Dippell and Everist, P.C., Consulting sion, with offices at 1300 L Street, N.W., Suite 1100,
That his qualification Commission;	ons are a matter of record in the Federal Communications
That the attached supervision and direction a	engineering report was prepared by him or under his and
as are stated to be on info	Donald G. Everist District of Columbia Professional Engineer Registration No. 5714 before me this, 1993.
Subscribed and sworn to	Notary Public My Commission Expires: 2/28/98
	My Commission Expires: 2/28/98

This engineering statement has been prepared on behalf of Scripps Howard Broadcasting Company ("Scripps"), licensee of WMAR-TV, Baltimore, Maryland and accompanies a Motion to Enlarge Issues ("Motion") to the application of Four Jacks Broadcasting, Inc. ("FJB") (MM Docket No. 93-94). This statement concerns issues relating to whether the site is appropriate for the proposed Channel 2 use by the FJB.

Unlike many applications where the antenna is mounted in a suitable space, the FJB proposed operation requires reconfiguration of the tower, a downward relocation of WPOC(FM)¹ operating at a higher power to maintain its equivalent Class B operation, and presumably other antennas on the tower will require repositioning. In fact, FJB in its tower diagram makes no attempt to show these other communications antennas and how they will be relocated. However, as seen by the photographs included in the statement by Mr. Matthew Vlissides and the documentation of Mr. Donald Hall, provided in Scripps's initial pleading, there are a number of other antennas on the tower. These operations have not been considered by FJB as required by Question 14 of FCC Form 301 in its response. Based upon the information disclosed by the Donald Hall statements, there appear to be at least two other antennas above the 550 feet above ground level plus a number of antennas located immediately below. A study has been commissioned on the frequencies

¹WPOC is currently licensed at the 198 meter (651 feet) level of the tower. It is licensed to operate with an effective radiated power of 16 kW at a height above average terrain of 262 meters (860 feet). FJB proposal requires relocation of the WPOC FM antenna.

(see Tables I and II), it appears that over eighty (80) other licensees are authorized with facilities with heights greater than 550 feet above ground level.

As noted above, FJB proposes to remove approximately 60 feet of tower to accommodate its antenna and not only WPOC(FM) will be displaced² and relocated but under this scenario presumably many of these common carrier and private radio stations will be displaced and relocated. FJB only provides information where it will be located and indicates that WPOC will be moved³, however, FJB leaves unanswered where all the other stations who are presently licensed to operate from the tower would be relocated. Consideration of the other licensees including WPOC(FM) is necessary since they must request and receive approval from the FCC for facility changes.

²FJB states "the applicant [Four Jacks] accepts the responsibility to alleviate <u>any new</u> intermodulation interference resulting from the instant proposal." However, the Rules require that if WPOC(FM) applies later for its modification, it <u>must</u> alleviate the intermodulation interference under the "last in provision". Therefore, it is uncertain whether FJB has anticipated this provision.

³According to the FJB engineering report, "The existing WPOC(FM) antenna will be relocated to a point lower on the tower to accommodate the new Channel 2 antenna. The decrease in the height of the WPOC antenna will <u>most</u> likely be accompanied by an equivalent increase in ERP of the facility." (emphasis supplied). It is uncertain whether or not FJB envisions a scenario in which WPOC would be forced to operate with less than full Class B facilities.

TABLE I

ALL OTHER LICENSEES LOCATED AT THE FOUR JACKS BROADCASTING, INC. SITE N 39° 17' 13" - W 76° 45' 16" AT OR ABOVE THE 550 FOOT ABOVE GROUND LEVEL NOT CONSIDERED BY FOUR JACKS BROADCASTING, INC. AS REQUESTED BY QUESTION 14 OF FCC FORM 301 MAY 1993

NUMBER OF LICENSEES OPERATING IN 800 MHZ BAND	47
NUMBER OF LICENSEES OPERATING IN 900 MHZ BAND	31
NUMBER OF LICENSEES OPERATING IN 400 MHZ BAND	10
TOTAL NUMBER OF AUXILIARY LICENSEES!	 88

 $^{^{1\!}f}$ In addition to eighty-eight licensees, there are 202 other operations licensed at this site.

TABLE II

PART 90 SERVICES LOCATED AT SITE PROPOSED BY FOUR JACKS BROADCASTING, INC. N 39° 17' 13" - W 76° 45' 16"

MAY 1993

TABLE II

Page No. 1

PWR-OUT	ERP GND-I	ELE ANT-	LIC_NAME CITY HGT HAAT									LON_SEC
KNEA347	YX 85	52.5375	AMK COMMUNICATIONS POTOMAC 772 FB2C	INC			39	17	13	76	45	16
	CREEK CT		AMK COMMUNICATIONS POTOMAC 772 FB2C								4 5 637092	16
13212 BEALL	CREEK CT		AMK COMMUNICATIONS POTOMAC 772 FB2C		MD		ANDREW DASKALAKI				4 5 637092	16
	CREEK CT		AMK COMMUNICATIONS POTOMAC 772 FB2C	•							45 537092	16
13212 BEALL	CREEK CT		AMK COMMUNICATIONS POTOMAC 772 FB2C		MD	208540000	39 ANDREW DASKALAKIS	17 S	13	76 3019	4 5 537092	16
KNEA347		54.8625	AMK COMMUNICATIONS				39		13	76	45	16

TABLE II

Page No. 2

PWR-OUT	ERP GND	-ELE ANT-	HGT HAAT			LAT-DEG LAT ATTENTION				LON_SEC
KNEA347 13212 BEALL	YX CREEK CT 1.00000 540	855.1625	AMK COMMUNI POTOMAC	CATIONS INC		39 O ANDREW DASKALAKIS	17	13	76 45 3019637092	16
13212 BEALL			POTOMAC			39 O ANDREW DASKALAKIS				16
KNEA347 13212 BEALL 70.00000	YX CREEK CT 1.00000 540		POTOMAC		MD 20854000	39 O ANDREW DASKALAKIS	17 3	13	76 45 3019637092	16
			POTOMAC		MD 20854000	39 O Andrew Daskalakis				16
KNEA347 13212 BEALL 70.00000	YX CREEK CT 1.00000 540		POTOMAC		MD 20854000	39 O ANDREW DASKALAKIS	17	13	76 45 3019637092	16
KNEA347 13212 BEALL 70.00000			POTOMAC			39 O Andrew Daskalakis				16
KNEA347 13212 BEALL	YX :	853.7373	AMK COMMUNIC	CATIONS INC	MD 20854000	39 O ANDREW DASKALAKIS	17	13		16

TABLE II

Page No. 3

PWR-OUT	ERP GNI	D-ELE ANT-	LIC_NAME CITY HGT HAAT								
KNEA347	YX	858.0375	AMK COMMUNICATIONS POTOMAC 772 FB2C	INC			39	17	13	76 45	
13212 BEALL	CREEK CT		AMK COMMUNICATIONS POTOMAC 772 FB2C		MD	208540000	39 Andrew Daskala	17 KIS	13	76 4 5 3019637092	16
13212 BEALL	CREEK CT		AMK COMMUNICATIONS POTOMAC 772 FB2C		MD	208540000	ANDREW DASKALA	17 KIS	13	76 4 5 3019637092	16
13212 BEALL	CREEK CT		AMK COMMUNICATIONS POTOMAC 772 FB2C		MD	208540000	39 Andrew Daskala	17 KIS	13	76 45 3019637092	16
KNEA347 13212 BEALL 70.00000	YX CREEK CT 1.00000 540	856.0375 550	AMK COMMUNICATIONS POTOMAC 772 FB2C	INC	MD	208540000	39 Andrew Daskala	17 KIS	13	76 45 3019637092	16
13212 BEALL	CREEK CT		AMK COMMUNICATIONS POTOMAC 772 FB2C		MD	208540000	39 Andrew Daskalai	17 KIS	13	76 4 5 3019637092	16
13212 BEALL	CREEK CT		AMK COMMUNICATIONS POTOMAC 772 FB2C		MD	208540000	39 Andrew Daskalai		13		16

TABLE II

Page No. 4

CALLSIGN STREET ADDR PWR-OUT	ess Erp Gni	D-ELE ANT-	CITY HGT HAAT			ST	ZIP		LAT-MIN	LAT-SEC	LON-DEG PHON	LON-MIN E	LON_SEC
13212 BEALL	YX CREEK CT	862.6125	AMK COMMUNIC POTOMAC 772						17 AKIS			4 5 637092	16
KNEA347	YX	863.6125_	WK COMMUNI	CATIONS	TNC			39	17	13	76	45	16
	g				▲ •	<u> </u>	1 A 660	 -	, <u>, , , , , , , , , , , , , , , , , , </u>	* *		-	
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TABLE II

Page No. 5

PART 90 SERVICES LOCATED AT SITE PROPOSED BY FOUR JACKS BROADCASTING, INC. N 39-17-13 W 76-45-16

CALLSIGN STREET ADDR	ESS		CY LIC_NAME CITY	ST	ZIP	LAT-DEG ATTENTION	LAT-MIN	LAT-SEC	LON-DEG PHON		LON_SEC
PWR-OUT	ERP	GND-ELE AN	T-HGT HAAT								
WNKM905	YS	•	O C & E INCORPORATED			39	17	13	76	45	16
POB 691054			HOUSTON	TX	772691054				7138	944800	
150.00000 3	50.00000	540 55	0 772 FB2C								
WNKM905	YS	935.312	5 C & E INCORPORATED			39	17	13	76	45	16
POB 691054			HOUSTON	TX	772691054				7138	944800	
150.00000 3	50.00000	540 55	0 772 FB2C								
WNKM905	YS	935.325	O C & E INCORPORATED			39	17	13	76	45	16
POB 691054			HOUSTON	TX	772691054				7138	944800	
150.00000 3	50.00000	540 55	0 772 FB2C								
WNKM905	YS	935.337	5 C & E INCORPORATED			39	17	13	76	45	16
POB 691054			HOUSTON	TX	772691054				7138	944800	
150.00000 3	50.00000	540 55	0 772 FB2 C								
WNKM905	YS ,	935.350	O C & E INCORPORATED			39	17	13	76	45	16
POB 691054			HOUSTON	TX	772691054				7138	944800	
150.00000 3	50.00000	540 55	0 772 FB2C								
WNKM905	YS	935.362	5 C & E INCORPORATED			39	17	13	76	45	16
POB 691054			HOUSTON	TX	772691054				7138	944800	
150.00000 3	50.00000	540 55	0 772 FB2C								
WNKM905	YS	935.375	O C & E INCORPORATED			39	17	13	76	45	16
POB 691054			HOUSTON	TX	772691054				7138	944800	
150.00000 3	50.00000	540 55	0 772 FB2C								

3

TABLE II

Page No. 6

CALLSIGN STREET ADDI PWR-OUT		RVS FREQUEN	CITY	ST ZIP	LAT-DEG ATTENTION	LAT-MIN	LAT-SEC	LON-DEG LON-MIN PHONE	LON_SEC
WNNJ721	GU	936.162			39	17	13	76 45	16
829 W BALTI 30.00000	35.00000	540 55	BALTIMORE 772 MO	MD 21201000	O CARL PARR JR			3015987100	
WNNJ721	GÜ	937.162	CARL MESSENGER IN	!	39	17	13	76 45	16
829 W BALTI			BALTIMORE	MD 21201000	O CARL PARR JR			3015987100	
30.00000	35.00000	540 55) 772 MO						
WNNJ721	GU	897.162	CARL MESSENGER IN	!	39	17	13	76 45	16
829 W BALTI	MORE ST		BALTIMORE	MD 21201000	O CARL PARR JR			3015987100	
30.00000	35.00000	540 550	772 MO		•				
WNNJ721	GU	898.162	CARL MESSENGER IN	!	39	17	13	76 45	16
829 W BALTI	MORE ST		BALTIMORE	MD_21201000	O CARL PARR JR			3015987100	

TABLE II

Page No. 7

CALLSIGN STREET ADD PWR-OUT	RESS			LIC_NAME CITY HGT HAAT		ST	ZIP	LAT-DEG ATTENTION	LAT-MIN	LAT-SEC	LON-DEG LON-MIN PHONE	LON_SEC
WNMN648	GU			CARL MESSENG	SER SERVICE	INC		 39	17	13	76 4 5	16
829 W BALT	IMORE ST			BALTIMORE	3	MD	212010000				3015987100	
30.00000	35.00000	540	550	772	MO							
WNMN648	GU	897	.1375	CARL MESSENG	ER SERVICE	INC		39	17	13	76 45	16
829 W BALT	IMORE ST			BALTIMORE	3	MD	212010000				3015987100	
30.00000	35.00000	540	550	772	MO							
WNMN648	GU	936	.1375	CARL MESSENG	ER SERVICE	INC		39	17	13	76 45	16
829 W BALT	IMORE ST			BALTIMORE	€	MD	212010000	,			3015987100	
150.00000	350.00000	540	550	772	FB2		,	•				
WNMN648	GU	937	.1375	CARL MESSENG	ER SERVICE	INC		39	17	13	76 45	16
829 W BALT	IMORE ST			BALTIMORE	2	MD	212010000				3015987100	
150.00000	350.00000	540	550	772	FB2							
WNUT696	GU -	899	.1625	CITY EXPRESS	5			39	17	13	76 45	16
14440 CHER	RY LN			LAUREL		MD	207070000	MIKE DAVIDSON			3018804300	
30.00000	35.00000	540	550	772	МО							
WNUT696	GU	900	.1625	CITY EXPRESS	5			39	17	13	76 45	16
14440 CHER	RY LN			LAUREL		MD	207070000	MIKE DAVIDSON			3018804300	
30.00000	35.00000	540	550	772	МО							
WNUT696	GU	938	.1625	CITY EXPRESS	5			39	17	13	76 45	16
14440 CHER	RY LN			LAUREL		MD	207070000	MIKE DAVIDSON			3018804300	
150.00000	350.00000	540	550	772	FB2							

TABLE II

Page No. 8	PART 90 SERVICES LOCATED AT SITE PROPO BY FOUR JACKS BROADCASTIN	OSED	
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TABLE II

Page No. 9

CALLSIGN STREET ADD PWR-OUT	RESS			LIC_NAMI CITY HGT HAAT		ST	ZIP	LAT-DEG ATTENTION	LAT-MIN	LAT-SEC	LON-DEG PHON		LON_SEC
		-			SOCIATES INC			 39	17	13	76	4 5	16
					INGTON BEACH		926480000					603307	
222 5TH ST 70.00000	250.00000	540	550	772	FB2C								
KNBT340	GO	852	2.3625	GENSTAR	STONE PRODUCTS	COM	PANY	39	17	13	76	45	16
EXECUTIVE	PLZ IV			HUNT	VALLEY	MD	210310000				3016	284204	
70.00000	125.00000	540	560	770	FB2								
WNNR458	GX	851	.9125	GORDON,	GLORIA			39	17	13	76	45	16
958 CALLE	SANTA CRU	Z		PALM	SPRINGS	CA	922640000				6193	208942	
70.00000	250.00000	540	550	772	FB2C			•					
WNNL335	GI	897	.9500	GRACE CO	OURIER SERVICE			39	17	13	76	45	16
5503 CHERO	KEE AVE			ALEXA	ANDRIA	VA	223120000	JAY SCAROLA			7032	418810	
20.00000	30.00000	540	550	772	МО								
WNNL335	GI,	896	.9250	GRACE CO	OURIER SERVICE			39	17	13	76	45	16
5503 CHERO	KEE AVE			ALEXA	ANDRIA	VA	223120000	JAY SCAROLA			7032	418810	
20.00000					MO								
WNNL335	GI	936	.9500	GRACE CO	OURIER SERVICE			39	17	13	76	45	16
5503 CHERO					ANDRIA		223120000	JAY SCAROLA			7032	418810	
70.00000					FB2								
WNKM913	YS	937	.2625	HARFORD	SMR INC			39	17	13	76	45	16
814 HOLLY						MD	214010000				3019	740975	
150.00000	350.00000	540	550	772	FB2C								

TABLE II

Page No. 10

CALLSIGN STREET ADI PWR-OUT	DRESS	RVS FREQU		LIC_NAME CITY HGT HAAT		ST	ZIP		LAT-MIN	LAT-SEC	LON-DEG LON-MII PHONE	N LON_SEC
WNKM913	YS	•		HARFORD S				39	17	13	76 45	16
814 HOLLY	DR E			ANNAPO	LIS	MD	214010000				3019740975	
150.00000	350.00000	540	550	772	FB2C						•	
WNKM913	YS	937.2	2875	HARFORD S	MR INC			39	17	13	76 45	16
814 HOLLY	DR E			ANNAPO	LIS	MD	214010000				3019740975	
150.00000	350.00000	540	550	772	FB2C							
WNKM913	YS	937.3	3000	HARFORD S	MR INC			39	17	13	76 45	16
814 HOLLY	DR E			ANNAPO	LIS	MD	214010000				3019740975	
150.00000	350.00000	540	550	772	FB2C							
WNKM913	YS	937.3	3125	HARFORD S	MR INC			39	17	13	76 45	16
814 HOLLY	DR E			ANNAPO	LIS	MD	214010000				3019740975	
150.00000	350.00000	540	550	772	FB2C							
WNKM913	YS ,	937.3	3250	HARFORD S	MR INC			39	17	13	76 45	16
814 HOLLY	DR E			ANNAPO	LIS	MD	214010000				3019740975	
150.00000	350.00000	540	550	772	FB2C							
WNKM913	YS	937.3	375	HARFORD S	MR INC			39	17	13	76 45	16
814 HOLLY	DR E			ANNAPO	LIS	MD	214010000				3019740975	
150.00000	350.00000	540	550	772	FB2C							
WNKM913	YS	937.3	500	HARFORD S	MR INC			39	17	13	76 45	16
814 HOLLY	DR E			ANNAPO	LIS	MD	214010000	•			3019740975	
150.00000	350.00000	540	550	772	FB2C							